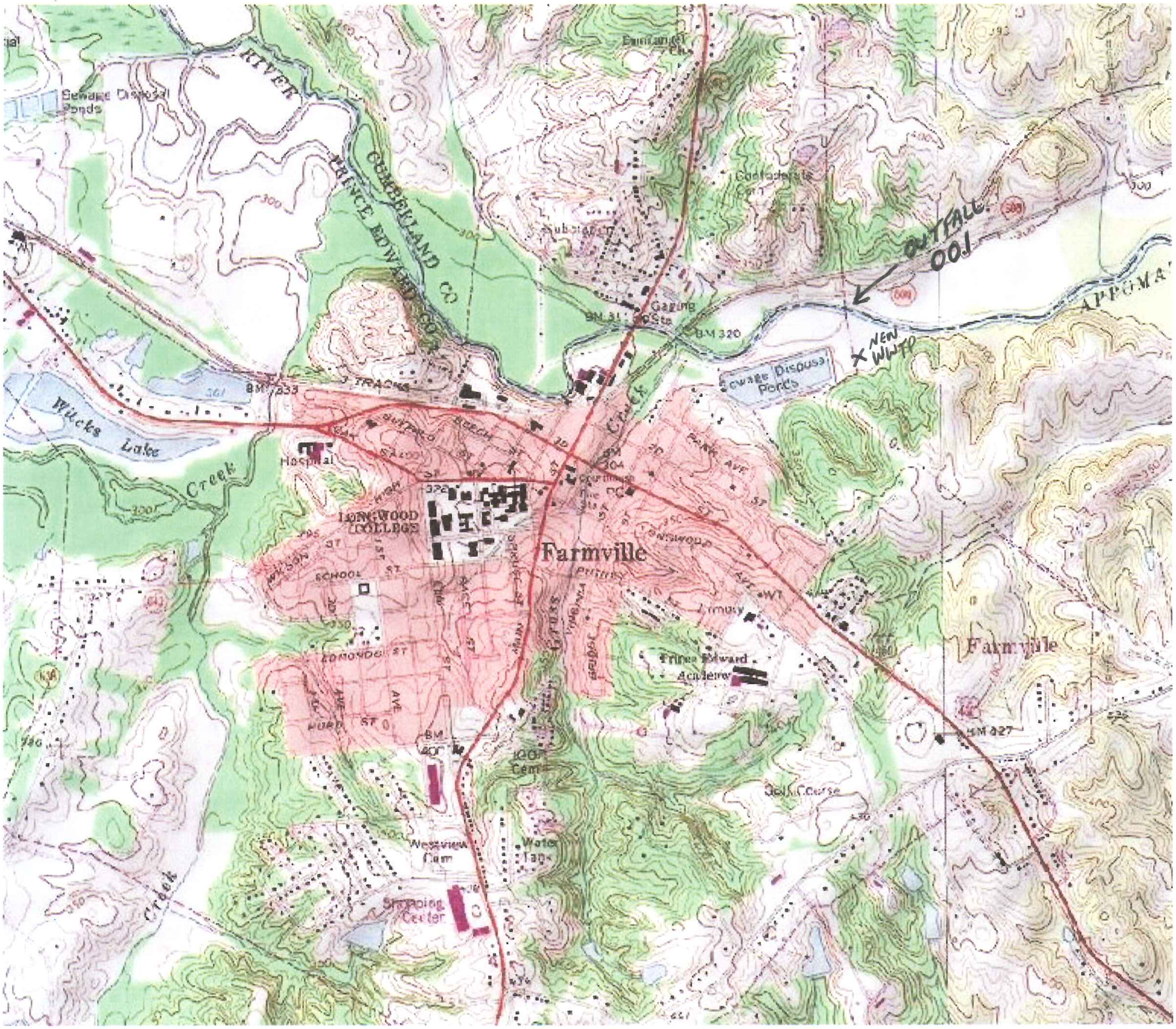
ATTACHMENT 2

DISCHARGE LOCATION/TOPOGRAPHIC MAP

TOWN OF FARMVILLE, VA w/ Outfall 001 from
The TOWNS Advanced WASTEWATER TREATMENT PLANT (WWTP)
Identified. Discharge is directly to the Appomattox
River.

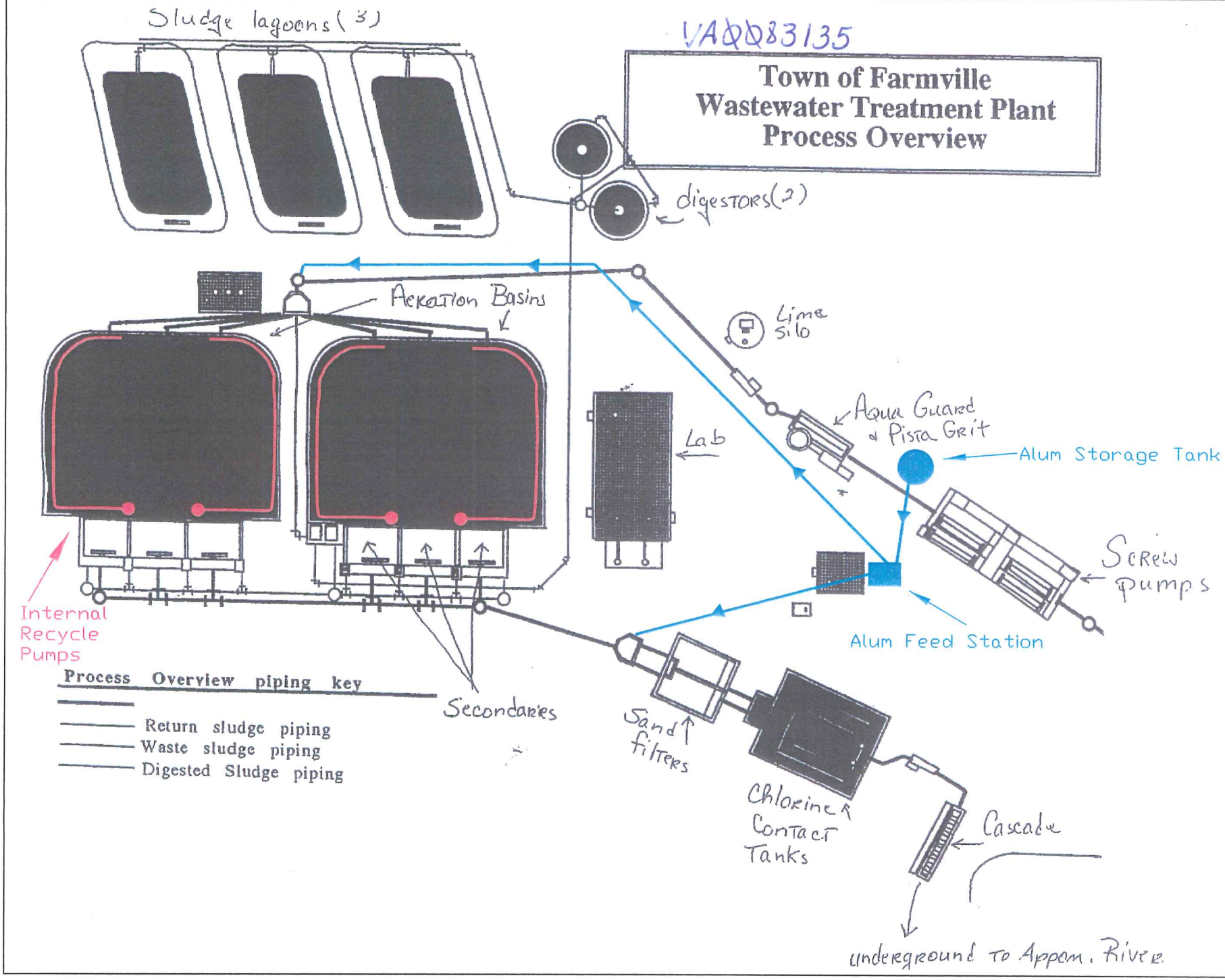

OUTFALL 001
X NEW WWTP
Sewage Disposal Ponds
Sewage Disposal Ponds
RIVER
CUMBERLAND CO
PRINCE EDWARD CO
Wilcks Lake
Creek
Hospital
LONGWOOD COLLEGE
Farmville
Farmville
Prince Edward Academy
Gaging Sta
BM 320
BM 327
Golf Course
Westview Cem
Water Tank
Shopping Center
Confederate Cem
APPOMA
Creek

ATTACHMENT 3

SCHEMATIC/PLANS & SPECS/SITE MAP/ WATER BALANCE

VA0083135

Town of Farmville Wastewater Treatment Plant Process Overview



Farmville WWTP NPDES#VA0083135

NARRATIVE DESCRIPTION OF SCHEMATIC OF WATER FLOW

The raw water enters and is combined with the supernate from the lagoons and digestors (when supernating) and with the supernate from the sand filters. This raw water is lifted into the plant by the screw pumps, goes through fine screening and grit removal and then through the flume. In the splitter box it is combined with the return activated sludge and is sent to the reactor basins. It then continues to the clarifiers where approximately 40% is directed to the return pit. The remaining flow is sent to the sand filters where approximately 75,000 gallons are returned to the head of the plant. After filtering, the flow is chlorinated and dechlorinated in the contact tank. It then passes through the flume, goes down the cascade and discharged into the Appomattox River.

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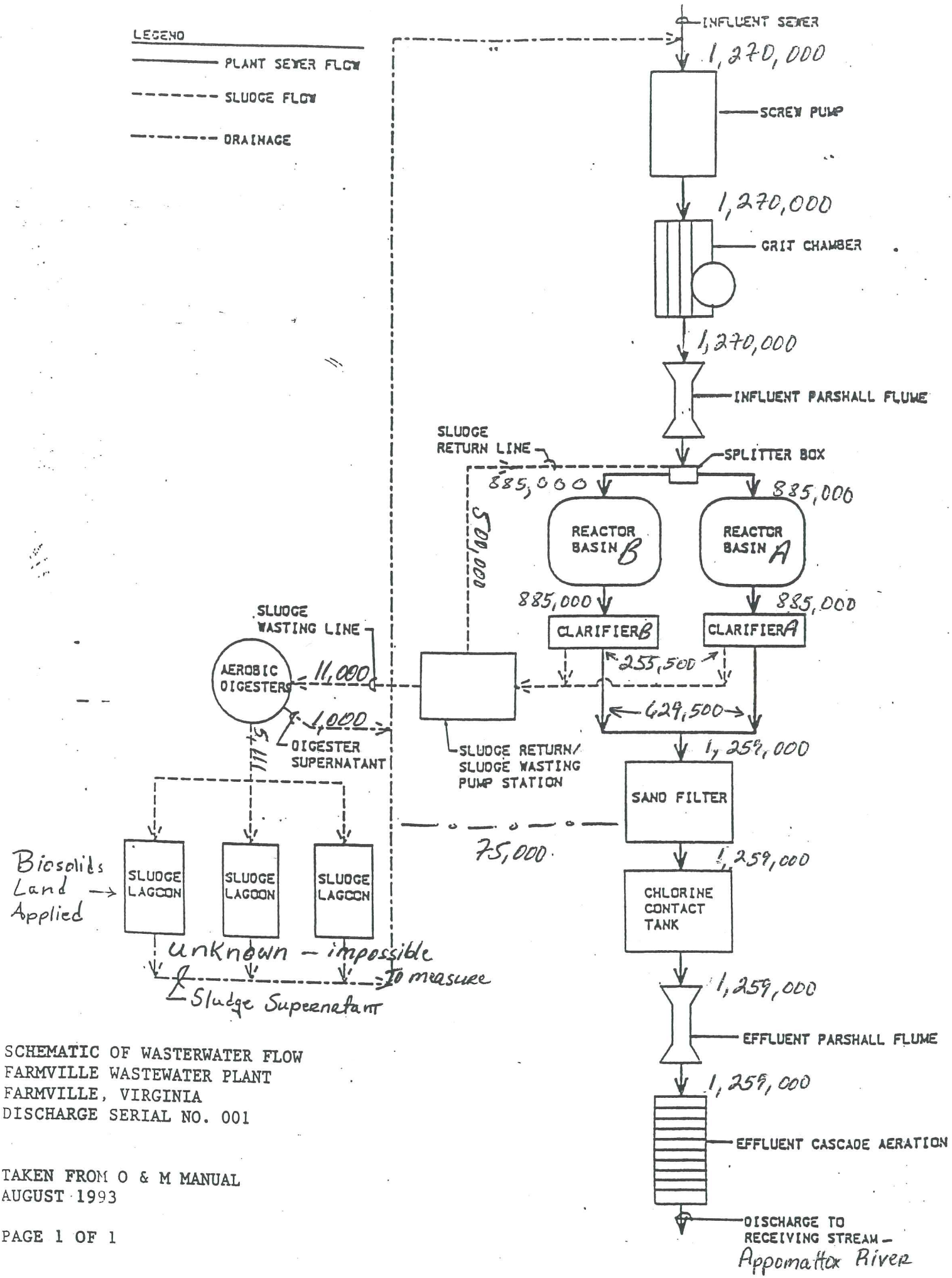
Narrative Description of Sewage Sludge Process

Relying on test results from the aeration basins (AB), Farmville WWTP personnel make daily decisions on reducing the mixed liquor (ML) contained in the AB. Once the decision is made the ML is concentrated in the secondaries for approximately two hours. It is then pumped into the waste pump pit where it is then pumped up to one of two aerated digesters. The waste ML is then allowed to settle and the supernate is drawn off to the head of the plant. The waste ML is kept under aeration for a minimum of 35 days and supernated when possible. Once the digester is full, and has been held for the 45 day period, the concentrated ML is released to one of three facultative sludge holding cells. The sludge holding cells are supernated whenever possible and drained back to the head of the plant. The sludge is held in the sludge cells for a minimum of 12 months and as long as 36 months. The resulting biosolids are then land applied as needed.

Attached note for Question 7; page 3 of 16; VPDES Sewage Sludge Permit Application

Farmville WWTP contracts with Nutri-Blend, Inc. to spread our biosolids on an annual basis. Nutri-Blend is responsible for mixing, sampling, testing, providing tests results to FWWTP, hauling and spreading of all biosolids. FWWTP is responsible for the fecal and SOUR testing and submitting the annual DEQ and EPA reports.



SCHEMATIC OF WASTERWATER FLOW
FARMVILLE WASTEWATER PLANT
FARMVILLE, VIRGINIA
DISCHARGE SERIAL NO. 001

TAKEN FROM O & M MANUAL
AUGUST 1993

Aerial view of Facility. Sludge management (2 digesters/thickeners) + 3 lagoons, Bottom. Influent screw pump, left. Chemical storage + Blending, Splitter Box, below + in between Aeration Basins. Note green color of newly filled basin @ right. Clarifiers incorporated + adjacent to Aeration basins. Effluent then routed thru polishing filter chlorination/dechlor. Cascade aeration upper left.